



Summary of Proposed Changes for the *Emerging Renewables Program Guidebook*

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Background

- Revision provides opportunity to review market conditions and key program guidelines, and to provide clarification where necessary
- Takes affect when approved by the Energy Commission
 - Planning for June 22, 2005 Business Meeting
- Provide comments today or with Docket Unit (details at end)



Summary of Proposed Changes

- Rebate level remains same
- Change to rebate level based on system completion
- Capacity factor of systems under Pilot Performance-Based Incentive program
- Drop requirement that participants provide a utility letter of authorization for grid interconnection

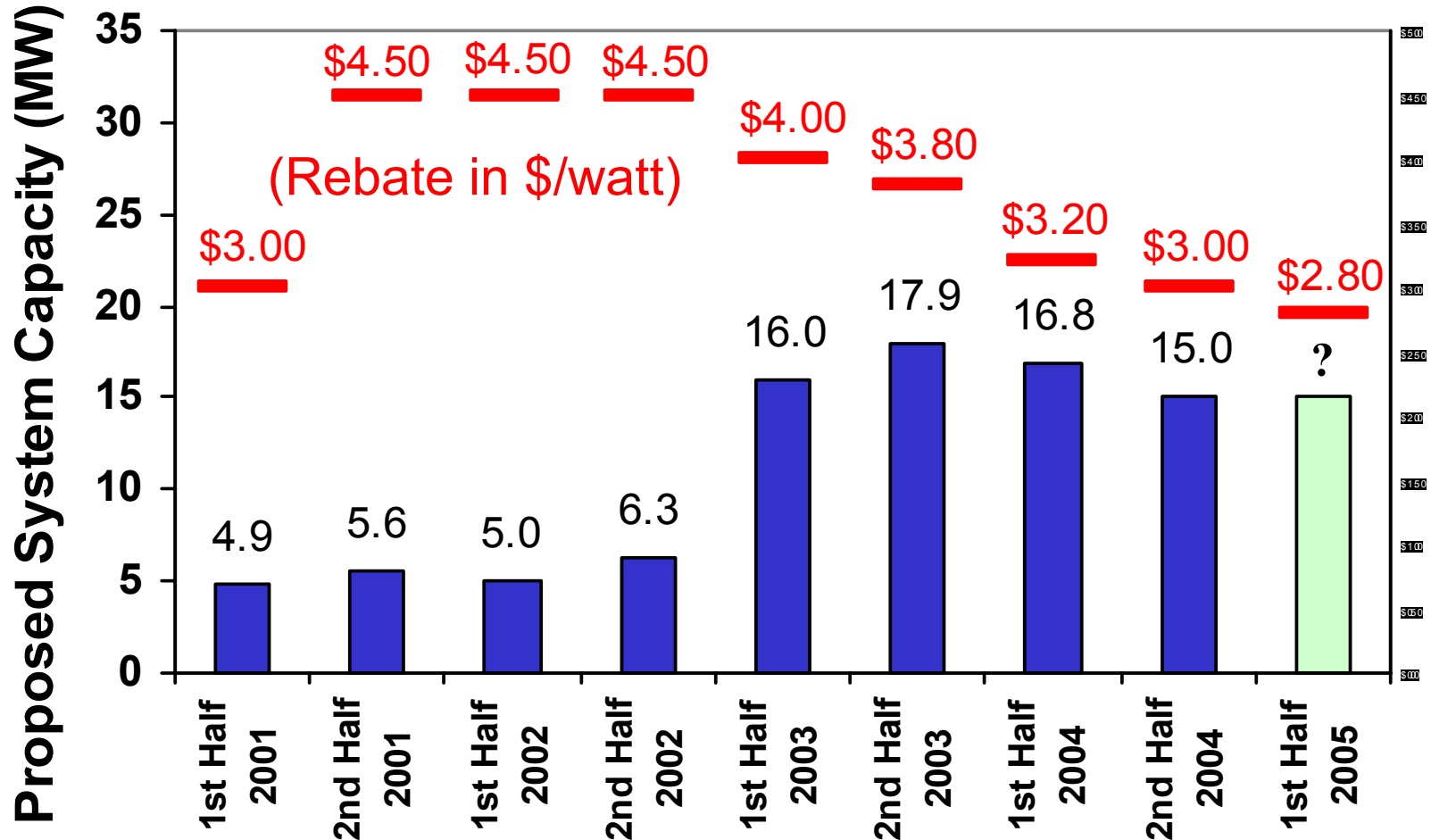


Proposed Changes, Cont.

- Suspend the Solar School Program
- Clarify requirements for affordable housing projects
- Clarify requirements for new construction development projects
- Other clarifying changes



Applications and Rebate Level





Rebate Level

For 7/1/05 through 12/31/05, no change proposed from current period (1/1/05 through 6/30/05)

Technology Type	Size Category	Rebate Offered*
Photovoltaic**	<30 kW	\$2.80 per watt
Solar Thermal Electric & Fuel Cells using renewable fuel***	<30 kW	\$3.20 per watt
Wind	First 7.5 kW	\$1.70 per watt
Wind	Increments above 7.5 kW up to 30 kW	\$0.70 per watt



Rebate Level Based on Project Completion

- Eliminates most up-front timing issues for reservations
 - Reduces spike in applications
 - Reduces issues regarding incomplete end of rebate period applications
 - Eliminates issues with system size changes
- Does not change timing issues with reservation expiration or project completion
- Exception for new construction



Performance-Based Incentive Program

- Increase capacity factor to 30% from 25%
 - Will increase amount reserved
 - Will be retroactive
- Modest participation to date
- May increase participation
- Tracking systems may provide higher energy production



New Housing Developments

- Clarify master permit adequate for reservation
- Recommend offering new option for new home developers to allow limited reservations without predetermined sale
 - Encourages builders to sell PV as option
 - Increase availability of PV for new home purchasers
 - Allows new builders to get experience with PV
- Proposed criteria
 - Must obtain reservation for PV installation on model home
 - Additional reservations granted for 10% of lots in subdivision based on equipment for largest system on models



Affordable Housing

- Clarifies common areas and manager's unit included
- All housing units in project must still meet 10 percent efficiency requirement



Inverter Test Protocol

- Adopt guidelines clarifying test protocol
 - “Guideline for the use of the Performance Test Protocol for Evaluating Inverters Used in Grid-Connected Photovoltaic Systems”
- Provides more detail for laboratories on how to implement test procedures already approved



Solar Schools

- Provides higher rebate level than standard ERP
- Program no longer has available funding and is closed
- No changes for current participants
- May reopen upon notice if funding becomes available



Docket Unit Details

Written comments will be considered if received
by close of business on: **June 3, 2005** (Friday)

Please send or deliver written materials to:

California Energy Commission

Re: Docket No. 02-REN-1038

Docket Unit, MS-4

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